

Title (en)

A MATING DETECTION DEVICE, A CONNECTOR AND A CONNECTOR ASSEMBLY THEREWITH

Title (de)

EINRICHTUNG ZUR KUPPLUNGSERKENNUNG UND DAMIT VERSEHENE VERBINDER UND VERBINDERANORDNUNG

Title (fr)

DISPOSITIF DE DÉTECTION D'ACCOUPLEMENT, CONNECTEUR ET ENSEMBLE CONNECTEUR ASSOCIÉS

Publication

EP 2153496 B1 20170802 (EN)

Application

EP 07789914 A 20070524

Priority

IB 2007052717 W 20070524

Abstract (en)

[origin: WO2008142490A1] A connector assembly comprising: - a first connector comprising a first locking feature (22); - a second connector comprising a second locking feature (31) cooperating with the first locking feature (22); a mating detection device (1) adapted to take a first electrical state when the first and second connectors are in a locked state; the mating detection device is mechanically prevented from taking the first state until the first and second locking features (22, 31) lock said first and second connectors together.

IPC 8 full level

H01R 13/641 (2006.01); **H01R 13/66** (2006.01); **H01R 13/03** (2006.01); **H01R 13/506** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP)

H01R 13/6272 (2013.01); **H01R 13/641** (2013.01); **H01R 13/6691** (2013.01); **H01R 13/035** (2013.01); **H01R 13/506** (2013.01); **H01R 13/7031** (2013.01)

Citation (examination)

WO 2007016956 A1 20070215 - FRAMATOME CONNECTORS INT [FR], et al

Cited by

WO2021155995A1; EP3866278A1; WO2020052969A1; US11934907B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008142490 A1 20081127; CN 101682147 A 20100324; CN 101682147 B 20121128; EP 2153496 A1 20100217; EP 2153496 B1 20170802

DOCDB simple family (application)

IB 2007052717 W 20070524; CN 200780053051 A 20070524; EP 07789914 A 20070524